

DIVISION OF OIL, GAS, AND MINING
BOND ESTIMATE

OPERATOR: Union Carbide Corp.
MINE NAME: La Sal - Snowball Act 1037/026
LOCATION: T. 28S, R. 24E.
COUNTY: San Juan County, Utah
DATE: Dec. 12, 1978

Note: Beaver Shaft and associated facilities are covered by a statewide mining bond held by the Division of State Lands. Therefore, they are not covered by this surety estimate.

	Operation	Amount	Rate	Cost
A.	CLEAN-UP			
	1. Removal of structures & equipment.	Lump Sum	\$3,000.00	\$3,000.00
	2. Removal of trash & debris.	Lump Sum	\$1,500.00	\$1,500.00
	3. Leveling of ancillary facilities pads and access roads.	---	---	---
B.	REGRADING & RECONTOURING			
	1. Earthwork including haulage and grading of spoils, waste and overburden.	48 hours cutting	\$85.00/hr	\$4080.00
	2. Recontouring of highwalls and excavations.			\$2,200.00
	3. Spreading of soil or surficial materials.			\$2,200.00
C.	STABILIZATION			
	1. Soil preparation, scarification, fertilization, etc.	17 Acres	\$25.00/Ac.	\$425.00
	2. Seeding or planting.	17 Acres	\$150.00/Ac.	\$2,550.00
	3. Construction of terraces, water-bars, etc.	Included in Part B(1)		
D.	LABOR			
	1. Supervision.	48 hours	\$10.00/Ac.	\$480.00
	2. Labor exclusive of bulldozer time.			
E.	SAFETY			
	1. Erection of fences, portal coverings, etc.	2 declines	\$1,000.00/Ea	\$2,000.00
	2. Removal or neutralization of explosive or hazardous materials.	11 Vent shafts	\$500.00/Ea	\$5,500.00
		1 Vertical shaft	\$1,000.00/Ea	\$1,000.00
		Lump Sum	\$300.00	\$300.00
F.	MONITORING			
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.	Reseeding 17 Acres	\$150.00/Ac.	\$2,550.00
G.	OTHER			
	1. 5% inflation for 14 years	CAF = 1.9777	Subtotal	\$23,385
				\$22,915
			Total	\$46,300.